Copying Children's Games from a Windows NT Gates Library Computer to a Windows XP Computer

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Introduction

Applicability

The information in this document applies to standalone Gates Library Computers (GLC) running Windows NT granted through the Bill & Melinda Gates Foundation's U.S. Public Library Program between 1998 and 2000.

Why Do This

You are replacing your NT Gates Library Computer computers with new Windows XP Professional computers, but wish to retain the children's games.

Libraries never received CD media for these games. Instead, the CD contents were copied to folders on the computer's hard drive and the games were installed from those folders. You will need to copy these folders from the old computer to the hard drive of the new computer to install them there.

Before You Begin

Both computers must be turned on and connected to the same network. You will need the exec password of the NT GLC and an administrative logon for the Windows XP computer.

Limitations to these Instructions

This document does not provide instructions for reinstalling *Creative Writer, Big Science Ideas, Corbis FDR, Corbis Critical Mass* or *Corbis LDV*. We have been unable to install these on Windows XP so that they run correctly. Additionally, *Success Builder Algebra* and *Geometry* have special requirements that may make them not worth the trouble of installing for many libraries. See the *XP Computer Hard Drive Setup* section for details.

These instructions also do not cover *MS Office, Encarta* or *Streets & Trips*. If you wish to keep them, you can copy their program folders at the same time as the games, then run **setup.exe** for each. Note that you will need a CD key for Office.

Also note that these instructions cover games installed on a range of Windows NT GLC models. The particular games you have will depend on your specific model. You will not have all the games mentioned in these instructions.

XP Computer Hard Drive Setup (Optional)

It is a good idea, though not required, to store the application folders on a separate hard drive partition from the one where Windows is installed (This is how your GLC is configured). There are three ways to configure your computer in this way:

1. Use partition management software such as *Partition Magic*, or the free, open source *QTParted* to re-arrange the existing partitions on your hard drive. There are instructions for using QTParted on WJ.
2. Reformat the entire hard drive and reinstall Windows XP, creating new drive partitions at that time.
3. Install a second physical hard drive, and copy the folders to it.

Also, two of the games that may be on your NT GLC; *Success Builder Algebra* and *Success Builder Geometry* require either their own individual hard drive partitions or CDROM emulation software to run from the hard drive. Besides the three methods mentioned above, you may use CDROM drive emulation software such as *Alcohol 52%*, *Virtual CD* or the free *Daemon Tools* to create 'virtual' CDROM drives that will fool the computer into running *Success Builder* without inserting the actual CD each time. These instructions will not describe these procedures. They are mentioned here for the benefit of those few who may want to consider them. If you don't wish to do any of these, do not attempt to install *Success Builder Algebra* or *Geometry*.

If you do rearrange your hard drive partitions, also consider whether you may want to use Microsoft's free *Shared Computer Toolkit* for your PAC security system. It also needs special drive partitioning for its disk protection feature. If you will use it, you should do all partitioning at one time. See WebJunction's An Overview of the Microsoft's Shared Computer Toolkit article for more info.

Partition Sizes

Suggested sizes for *Success Builder* and game folders partitions:
- *Success Builder Algebra* – 300 MB
- *Success Builder Geometry* – 350 MB
- Data partition for game folders – 12 GB (or more)

Copying the Folders

On the Windows NT Gates Library Computer

1. Log on as *exec*.
2. Double-click on **My Computer**.
3. Right-click on the **E:**drive and select **Sharing** (if there is no drive **E:** or if **E:** is a CD-ROM drive, right-click on **D:** instead).
4. Click in the radio button next to *Shared As*.
5. Click **OK**.
6. If copying *Success Builder* Repeat steps 3 – 5 for drives **F**: and **G:**
7. Close the **My Computer** window.
8. Right-click on **Network Neighborhood** and select **Properties**.
9. Make note of the *Computer Name*, then click **Cancel**.
10. Log off *exec*, but leave the computer on and do not use the computer until the next procedure is complete.

On the Windows XP Computer

1. Log in to an account with *Administrative* privileges.
2. Open **My Computer** from the *Desktop* or *Start Menu*.
3. Double-click on the drive you will copy the games folders to.
4. Open **My Network Places** from the *Desktop* or *Start Menu*.
5. On the left side, click on *View Workgroup Computers*. The other computers on your network appear on the right.
6. Double-click on the computer whose drives you have shared. If the username and password on this computer do not match the GLC *exec* login, you will be asked for a username and password. Enter *exec* and the GLC's *exec password*.
7. You should now see folders labeled *E* (or *D*), and possibly *F* and *G*.
8. Double-click on the **E:** (or **D:**) folder. The drive contents appear in the window. If needed, maximize the window to see all the folders in it.
9. Click once on the **Brainteasers** folder to select it.

10. Holding down the Ctrl key on your keyboard, click once on each of the following folders that you see:

> **Bunyan**
> **Cat**
> **Circus**
> **Farm**
> **Grandma**
> **Green**
> **Koi**
> **Leopard**
> **Math**
> **Monster**
> **MSBDinos**
> **MSBEarth**
> **MSBRain**
> **Reading**
> **Sea**
> **Stellaluna**

11. Click on the **Edit** menu and choose **Copy**.
12. Select the **My Computer** window displaying the hard drive of the computer you are on.
13. Click on the **Edit** menu and choose **Paste**. The contents of the other computer's drive are copied. *Note: This may take over an hour, depending on the number of speed of your network.*
14. Once the files are copied, if you are not copying the *Success Builder* programs, skip to step 18. Otherwise continue to the next step.
15. Return to the **My Network Places** window and click on the **Up** button on the toolbar so that you now see the *E*, *F* and *G* folders again.
16. Double-click on the **F** folder, the contents of the *Success Builder Algebra* CD folder appear. Copy the contents of this folder to either the drive partition or hard drive folder you created for it.
17. Repeat steps 15 & 16 for the **G** folder.
18. When all files are copied, close all open windows. You are now finished using the NT GLC.

Installing the Games on XP

Install the Children's Games that Require a Setup Routine

Now that the folders are copied, you must install the games that require setting up.

1. Right-click **My Computer,** and select **Explore.** The *Windows Explorer* window opens.
2. Double-click the drive you copied the folders to.
3. Double-click the **Bunyan** folder.
4. In the right pane, double-click **Setup.exe.** The application setup routine guides you through installing the application.
5. Accept all defaults, clicking **OK, Yes,** and **Next** as prompted to complete the installation.
6. Repeat Steps 3–5 for each of the following folders:

   > **Cat**
   > **Grandma**
   > **Koi**
   > **Leopard**
   > **MSBDinos**
   > **MSBEarth**
   > **MSBRain**

   For the next three, be sure to run *setup.exe* from the *Setup* folder:

   > **Circus\Setup**
   > **Farm\Setup**
   > **Sea\Setup**
7. Close all open windows.
8. Click on **Start>Programs>Microsoft Kids,** and start each of the three Magic School Bus programs you just installed.
9. When warned about color or audio settings, check the *"Don't display this message in the future"* check box, and click **Continue.**

Copy Shortcuts for the Remaining Children's Applications

Some of the children's programs do not have a setup program to run. Use the following procedure to create shortcuts for these programs on the computer Desktop. If you later create secured public access computer profiles, you can copy these icons to the profile desktops.

1. Right-click **My Computer,** and click **Explore.** Resize the window so that you can see some of the computer's blank desktop behind it.
2. In the left pane, select the drive you copied the game folders to. The game folders appear below the drive.
3. In the left pane, click on the **Brainteasers** folder, and then on the **Title** folder that appears below it.
4. In the right pane, right-click **Arthur's Brainteasers** and select **Copy.**
5. Right-click on the blank desktop and select **Paste.** An **Arthur's Brainteasers** icon appears.
6. Repeat Steps 3–5 for:
   Math\Title\ Arthur's Math Carnival
    and
   Reading\Title\Arthur's Reading Roundup.
7. In the left pane, click on the **Green** folder.
8. In the right pane, right-click **Green32.exe** and select **Copy.**
9. Right-click on the blank desktop and select **Paste Shortcut.** A shortcut called "*Shortcut to Green32.exe*" appears. *IMPORTANT: You must choose* **Paste Shortcut** *NOT* **Paste***.*
10. Right-click the shortcut you just created, and select **Rename.**
11. Rename the icon: "*Green Eggs and Ham.*"
12. Repeat steps 7 – 11 for
    Stellaluna\Stella32.exe (rename to *Stellaluna*)
    and
    Monster\Monster.exe (rename to *Little Monster at School*).
13. In the left pane, verify the **Monster** folder is selected.
14. Right-click on the file **Monster.exe** and select **Properties**.
15. Click on the **Compatibility** tab.
16. Click in the check boxes for "Run in 256 colors" and "Run in 640 x 480 screen resolution."
17. Click **Close,** and close all open windows.

Change Security Permission on the MSB Titles

1. Right-click on **My Computer** and select *Explore*.
2. In the left pane click on the *C* drive.
3. In the left pane click on the *Program Files* folder.
4. In the right pane right-click on the *Microsoft Kids* folder and choose Properties.
5. Click on the *Security* tab.
6. Click on *Users* in the list in the top half of the box.
7. Click in the *Modify* checkbox.
8. Click **OK**. Close the window.

Install Success Builder Algebra and Geometry (Optional)

If you copied the Success Builder games and created either drive partitions or virtual CDROM drives for them, follow these steps to install the games.

1. Double-click on **My Computer**.
2. Double click on the drive you copied Success Builder Algebra to. The game opens.
3. Click **Install**. The installation wizard launches.
4. Accept the defaults for this wizard. A window appears asking if you'd like to install *DirectX*.
5. Click **No**. A window appears indicating that setup is complete.
6. Click **OK**. An electronic registration window appears.
7. Click **Register Later**.
8. Repeat steps 2 through 7 for Success Builder Geometry.

NEXT STEPS

Install Public Access Computer Security Measures

You should now install or enable some sort of Public Access Computer security system to protect the computer integrity during public use. If you do not have such a system, we suggest you try Microsoft's free *Shared Computer Toolkit*. It lets you create secure public profiles similar to, but more secure than, the *all, child, bigprint,* etc. profiles on the NT GLC. It also includes a hard drive protection system and a rudimentary session timer. The SCT can be downloaded at:
http://www.microsoft.com/windowsxp/sharedaccess/default.mspx